

The Proceedings of the Third International Conference on Easter Island Research: Rapa Nui Rendezvous 1993

George W. Gill, Georgia Lee, Wilhelm Solheim II, editors

This issue of *Rapa Nui Journal* presents a fourth portion of papers presented at the Third International Conference on Easter Island Research, held in Laramie, Wyoming, August 3-6, 1993. The conference was sponsored by the University of Wyoming. Sixty papers were presented by researchers from 18 countries. Over 250 participants attended the conference which was in recognition of the contributions to Easter Island research made by the late William Mulloy, Wyoming anthropologist, and his colleagues of the 1955-56 Norwegian Expedition.

The conference was made possible by funding from the University of Wyoming Research Office and was strongly supported by members of the Easter Island Foundation, University of Wyoming Department of Anthropology, University of Wyoming College of Arts and Sciences, and University of Wyoming Office of Conferences and Institutes.

Thirty-one of the 60 papers were submitted for publication. This volume contains the final group. For the benefit of our readers, the full list of papers is provided by author and title.

INTRODUCTION

George W. Gill, Introduction to the Proceedings of the Third International Conference on Easter Island Research

ARCHAEOLOGY: ARTIFACTS

Felicia R. Beardsley, Bone Tool Technology on Easter Island

Flora Church and J. Grace Ellis, A Use-Wear Analysis of Obsidian Tools from an Ana Kionga

Adrienne Kaeppler, The Great Adze in the Smithsonian Institution: History and Provenance

Helene Martinsson-Wallin, Variation and Meaning of Easter Island *Ahu*

Paul Wallin, A Unique Find on Easter Island

ARCHAEOLOGY: GENERAL

Leslie C. Shaw, The Use of Caves as Burial Chambers on Easter Island

Arne Skjolsvold, Age of Easter Island Settlement, *Ahu* and Monolithic Sculpture

Jo Anne Van Tilburg, Mechanics, Logistics and Economics of Transporting Easter Island Statues

Pavel Pavel, Reconstruction of the Transport of Moai Statue and Pukao Hat

POLYNESIAN CONNECTIONS

Georgia Lee, Petroglyph Motif Distribution in East Polynesia

William Liller, Astronomical Alignments and Pointing Devices in Ancient Polynesia

RAPA NUI ORIGINS

Thor Heyerdahl, A Reappraisal of Alfred Métraux' Search for Extra-Island Parallels to Easter Island Culture Elements

Robert Langdon, Evidence for Three Prehistoric Migrations to Easter Island

Wilhelm G. Solheim, II, Polynesian Ancestry and the Nussantao Maritime Network

PHYSICAL ANTHROPOLOGY: ORIGINS AND BIOLOGY

Guiseppe Orefici and Andrea G. Drusini, Analysis of the Context of Burials in the Plaza of Ahu Tongariki

Scott J. Baker and George W. Gill, A Modification of Results of the Osteological Analysis of the Norwegian Expedition to Easter Island

Patrick Chapman and George Gill, Easter Island Origins: Non-Metric Cranial Trait Comparison between Easter Island and Peru

George Gill, Sonia Haoa and Douglas Owsley, Easter Island Origins: Implications of Osteological Findings

Sharon Long and George Gill, Facial Features of the Ancient Rapa Nui

NATURAL HISTORY: GEOLOGY AND BOTANICAL RELATIONS

A. Boven, M. de Dapper, P. de Paepe, R. Langohr and P. Pasteels, Evolution of the Southwestern Edge of the Poike Volcano, Easter Island

Gurley, Robert E. and William Liller, Palm Trees, *Mana* and the Moving of the *Moai*

P. de Paepe and I. Vergauwen, New Petrological and Geochemical Data on Easter Island

J. Grau, JUBEA, The Palm of Chile and Easter Island

LINGUISTICS

Horst Cain and Annette Bierbach, The Term *Mo'ai* as a Key to the Idea behind the Phenomenon

RAPA NUI ETHNOHISTORY AND HISTORY

Steven R. Fischer, Preliminary Evidence of Multiple Reanalysis and Replacement in Rapa Nui Settlement Traditions

Grant McCall, Rio, Rapu and Rapanui: Refoundations in Easter Island Colonial History

Paul G. Bahn, Easter Island or (Man-) eaters Island?

Christian G. Walter, Points of View and View-Points: Roggeveen's Visit Revised

RAPA NUI HERITAGE

A. Elena Charola, The Preservation of the Monumental Heritage of Easter Island

José Miguel Ramirez, Rapa Nui National Park: Proposal for an International Scientific Advisory Board

Joan T. Kurze and Kay Sanger, The Rocky Road to the Mulloy Research Library